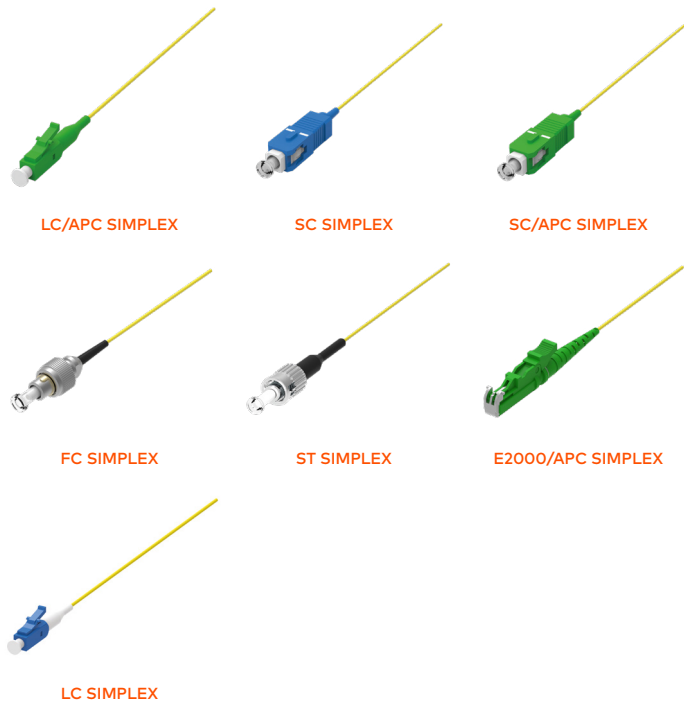


DESCRIPTION

High performance and strong design. High quality connectors. Individually packed. Available with yellow outer jacket. Dust protection cap and cable boot included. Provides a fast way to make factory terminations in the field.

STANDARDS

- ISO/IEC 11801 • EN 50173-1 • EN 60793 • IEC 61754-20
- IEC 61753-1 • IEC 61300 • ITU G652D • RoHS



CONNECTOR PROPERTIES

| | ST | SC | FC | LC/APC | SC/APC | E2000/APC | LC |
|---------------------|------------------|-------------|-------------|--------------|-------------|-------------|--------------|
| Insertion Loss (dB) | < 0,2 | < 0,2 | < 0,2 | < 0,2 | < 0,2 | < 0,2 | <0,2 |
| Return Loss (dB) | > 50 | > 50 | > 50 | > 60 | > 60 | > 60 | >50 |
| Fiber Ferrule (mm) | Ceramic 2,5 | Ceramic 2,5 | Ceramic 2,5 | Ceramic 1,25 | Ceramic 2,5 | Ceramic 2,5 | Ceramic 1,25 |
| Connector Housing | Bronze | Composite | Bronze | Composite | Composite | Composite | Composite |
| Connector Design | IEC60874-10-1997 | IEC61754-4 | IEC61754-13 | IEC61754-20 | IEC61754-4 | - | IEC61754-20 |

CABLE PROPERTIES

| | ST | SC | FC | LC/APC | SC/APC | E2000/APC | LC |
|---------------------------|------------|------------|------------|------------|------------|------------|------------|
| Attenuation (dB @ 1310nm) | ≤ 0,5 | ≤ 0,5 | ≤ 0,5 | ≤ 0,5 | ≤ 0,5 | ≤ 0,5 | ≤0,5 |
| Attenuation (dB @ 1550nm) | ≤ 0,4 | ≤ 0,4 | ≤ 0,4 | ≤ 0,4 | ≤ 0,4 | ≤ 0,4 | ≤0,4 |
| Radius of Curvature (mm) | 10≤r≤25 | 10≤r≤25 | 10≤r≤25 | 5≤r≤12 | 5≤r≤12 | 5≤r≤12 | 7≤r≤25 |
| Fiber Height (nm) | -100≤h≤100 | -100≤h≤100 | -100≤h≤100 | -100≤h≤100 | -100≤h≤100 | -100≤h≤100 | -100≤h≤100 |
| Apex Offset (um) | 0≤h≤50 | 0≤h≤50 | 0≤h≤50 | 0≤h≤50 | 0≤h≤50 | 0≤h≤50 | 0≤h≤50 |
| Durability | 500 times | 500 times | 500 times | 500 times | 500 times | 500 times | 500 times |
| Repetitiveness (dB) | ≤ 0,2 | ≤ 0,2 | ≤ 0,2 | ≤ 0,2 | ≤ 0,2 | ≤ 0,2 | ≤ 0,2 |
| Number of Fibers | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Weight (kg/km) | 0,9 | 0,9 | 0,9 | 0,9 | 0,9 | 0,9 | 0,9 |
| Outer Diameter WxH (mm) | 0,9 | 0,9 | 0,9 | 0,9 | 0,9 | 0,9 | 0,9 |
| Outer Sheath Colour | Yellow | Yellow | Yellow | Yellow | Yellow | Yellow | Yellow |
| Outer Sheath Material | LSZH | LSZH | LSZH | LSZH | LSZH | LSZH | LSZH |

MECHANICAL AND ENVIRONMENTAL CHARACTERISTICS

| | ST | SC | FC | LC/APC | SC/APC | E2000/APC | LC |
|-------------------------------|------------|------------|------------|------------|------------|------------|-----------|
| Installation Temperature (°C) | -10 to +60 | -10 to +60 | -10 to +60 | -10 to +60 | -10 to +60 | -10 to +60 | -10 a +60 |
| Operating Temperature (°C) | -10 to +60 | -10 to +60 | -10 to +60 | -10 to +60 | -10 to +60 | -10 to +60 | -10 a +60 |
| Storage Temperature (°C) | -40 to +80 | -40 to +80 | -40 to +80 | -40 to +80 | -40 to +80 | -40 to +80 | -40 a +80 |
| Tension - Long Term (N) | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Tension - Short Term (N) | 6 | 6 | 6 | 6 | 6 | 6 | 6 |

ORDER INFORMATION

| | | | | | | Box |
|-------------|-----------------------------|-----------|------------|----------------|---------------|-----|
| Code | Description | Conector | Length (m) | Dimension (mm) | Quantity (un) | |
| 81303101010 | Pigtail OS2 G652D ST | ST | | | | |
| 81302101010 | Pigtail OS2 G652D SC | SC | | | | |
| 81301101010 | Pigtail OS2 G652D SC/APC | SC/APC | | | | |
| 81306101010 | Pigtail OS2 G652D FC | FC | 1,5 | 220x220x225 | 200 | |
| 81304101010 | Pigtail OS2 G652D LC/APC | LC/APC | | | | |
| 81310701010 | Pigtail OS2 G652D E2000/APC | E2000/APC | | | | |
| 81305101010 | Pigtail OS2 G652D LC | LC | | | | |

PACKAGING

This images are merely illustratives. We want you to see the importance we attach to the packaging.
We always work with products and materials that are easy to use.



As part of our goal to achieve quality excellence, our barpa System Warranty can give you 25 years products and solution assurance of compliance with the industry performance standard comparing with the class installed. This warranty applies to network infrastructure installations that was made by an approved barpa Partner using an barpa solution (end-to-end). For more informations go to our website.

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More information: info@barpa.eu or in www.barpa.eu

datasheet n° b88_2 | date: 07/24
approved by: Ana Barbosa